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Form	n PTO-1449 Modified	Docket No. PANA-0002	Serial No. 09/753,892	
	of Patent and Publications Cited by Applicant several sheets if necessary)	Applicant Leonid A. Yakubov	MAY 1 7 2	
	Department of Commerce nt and Trademark Office	Filing Date January 3, 2001	Group 1632 Not Yet Assigned	
тнасти	ER DOCUMENTS (Including Author	r, Title, Date, Pertine	nt Pages, Etc.)	
SDP	Alexeev, V., et al., "Stable and inherialbino melanocytes induced by an RN Biotechnology, 1998, 16, 1343-1346		· - · · · · · · · · · · · · · · · · · ·	
AB	Baccetti, B., et al., "Apoptosis in hun seminologicae 9)," <i>J. Submicrosc Cyto Query</i> , http://www.ncbi.nlm.nih.gov/abstract	tol Pathol., 1996 , 28(4)), 587-596, <i>PubMed</i>	
AC	Bendich, A., et al., "Information transfer and sperm uptake by mammalian somatic cells," <i>Nucl. Acids Res. M.B.</i> , 1976 , <i>17</i> , 43-75			
AD	Bennett, R.M., "As nature intended? The uptake of DNA and oligonucleotides by eukaryotic cells," <i>Antisense Res. And dev.</i> , 1993 , <i>3</i> , 235-241			
Sh copy AE	Billingham, R.E., et al., "Actively act No. 4379, 603-606 Billingham, R.E.	quired tolerance' of for Actively acquired tolerance	reign cells," Nature, 1953, of foreign cells," Nature 172: 603-606, 1953.	
SDP AF	Gershenzon, S.M., "The selectivity of polynucleotides," <i>Zh Obshch Biol.</i> , 1 http://www.ncbi.nlm.nih.gov:80/entropage, English abstract	996 , <i>57(6)</i> , 661-683, <i>P</i>	PubMed,	
AG	Gershenson, S.M., "Induction of dire Doklady Akademii Nauk, 1939, Vol. 2			
AH	Gershenson, S.M., "Viruses as environable 1986, 203-213	Gershenson, S.M., "Viruses as environmental mutagenic factors," <i>Mutation Research</i> , 986 , 203-213		
AI	Guvakova, M.A., et al., "Phosphorothioate oligodeoxynucleotides bind to basic fibroblast growth factor, inhibit its binding to cell surface receptors, and remove it from low affinity binding sites on extracellular matrix," <i>J. Biochemical Chem.</i> , 1995 , 270(6), 2620-2627			
AJ	Immunological Tolerance, Chapter 1	4, 187-198		
EXAMINER	Srott D (niche	DATE CONSIDER	ED 10/18/02	

F	orm	PTO-1449 Modified	Docket No. PANA-0002	Serial No. 09/753,892 RECEIN	
	(Patent and Publications Cited by Applicant veral sheets if necessary)	Applicant Leonid A. Yakubov	MAY 1 7 2	
		epartment of Commerce t and Trademark Office	Filing Date January 3, 2001	Group /63 Z. Not Yet Assigned	
0	THE	R DOCUMENTS (Including Author	r, Title, Date, Pertinei	nt Pages, Etc.)	
SOP	AK Kaledin, V.I., et al., "A new strain of a/he mice hepatoma (hepatoma "A")," <i>Institut of Cytology and Genetics</i> , 1974 , 3 pages, English abstract			nepatoma "A")," Institute	
	AL	oligodeoxynucleotide augment bindir	nine motifs in a 12-mer phosphorothioate ing to the v3 loop of HIV-1 gp120 and potency of G-tetrad formation," Antisense & Nucleic Acid		
A	AM	Morrison, C., et al., "Extrachromosomal recombination occurs efficiently in cells defective in various DNA repair systems," <i>Nucleic Acids Res.</i> , 1996 , <i>24(11)</i> , 2053-2058			
A	AN	Pfeiffer, P., "The mutagenic potential of DNA double-strand break repair," <i>Toxicol. Letts.</i> , 1998 , <i>96-97</i> , 119-129			
A	40	Ridge, J.P., et al., Neonatal tolerance revisited: turning on newborn T cells with dendritic cells," <i>Science</i> , 1996 , <i>271</i> , 1723-1726			
\ A	AΡ	Rykova, E.Y., et al., "Serum immunoglobulins interact with oligonucleotides," <i>FEBS Lets.</i> , 1994 , <i>344</i> , 96-98			
A	ĄQ	Scott, D.W., "Tollerance," Encyclopedia of Imm., New York, 1992, 1481-1487			
A	AR	Simon, A.R., et al., "Efficacy of adhesive interactions in pig-to-human xenotransplantation," <i>Immunology Today</i> , 1999 , <i>20(7)</i> , 323-329			
A	AS	Telenius, H., et al., "Degenerate oligonucleotide-primed PCR: General amplification of target DNA by a single degenerate primer," <i>Genomics</i> , 1992 , <i>13</i> , 718-725			
A	ΛT	Tonkinson, J.L., et al., "Cellular pharmacology and protein binding of phosphoromonothioate and phosphorodithioate oligodeoxynucleotides: A comparative study," <i>Antisense Res. And Dev.</i> , 1994 , <i>4</i> , 269-278			
EXAMINER		Soott D. Prile	DATE CONSIDERI	ED 10/18/02	

Form	PTO-1449 Modified	Docket No. PANA-0002	Serial No. 09/753,892 RECEIVE		
	f Patent and Publications Cited by Applicant everal sheets if necessary)	Applicant Leonid A. Yakubov	MAY 1 7 200 TECH CENTER 1600,		
	Department of Commerce at and Trademark Office	Filing Date January 3, 2001	Group /632 Not Yet Assigned		
ОТНІ	ER DOCUMENTS (Including Autho	r, Title, Date, Pertine	nt Pages, Etc.)		
SDP AU	Vlassov, V.V., et al., "Penetration of mucosa and skin," <i>FEBS 12763</i> , 199 .	_	nouse organism through		
AV	Vlassov, V.V., et al., "Iontophoretic delivery of oligonucleotide derivatives into mouse tumor," <i>Antisense Res. And Dev.</i> , 1994 , <i>4</i> , 291-293				
AW	Vlassov, V.V., et al., "Transport of oligonucleotides across natural and model membranes," <i>Biochimica et Biophysica Acta</i> , 1994 , <i>1197</i> , 95-108				
AX	Wagner, T.E., et al., "Human sperm chromatin has a nucleosomal structure," <i>Arch. Androl.</i> , 1981 , 7, 251-257				
AY	Yakubov, L.A., et al., "Oligonucleotide-cell surface protein complexes trafficking into cell nuclei.," <i>Int. union of Biochem. & Molecular biology & US Nat. Cancer Inst.</i> , Millennium Conference on Nucleic Acid Therapeutics, January 8-11, 2000 , page 42				
AZ	Yakubov, L.A., et al., "Mechanism of oligonucleotide uptake by cells: involvement of specific receptors," <i>Proc. Natl. Acad. Sci. USA</i> , 1989 , <i>86</i> , 6454-6458				
⊬ BA	Yakubov, L.A., et al., "The extracellular domain of CD4 receptor possesses a protein kinase activity," <i>FEBS Lett. 431</i> , 1998 , 45-48				
ВВ	Yakubov, L.A., "Inhibition of reporduction of HIV virus by anionic dyes,", <i>Doklady Akademii Nauk</i> , 1996 , <i>347(5)</i> , 696-698, English abstract				
BC	Yakubov, L.A., et al., "Specific cell surface proteins participate in transport of nucleic acids into cells," <i>Doklady Akademii Nuak</i> , 1998 , <i>361(4)</i> , 550-553, English abstract				
EXAMINER	Sist D. Priete	DATE CONSIDERI	ED 10/18/02		

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office Docket No. PANA-0002

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Applicant

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Filing Date

January 3, 2001

Group 1632

Not Yet Assigned_

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
SDP	BD	5,176,203	01/05/93	Larzul	165	61
1	BE	5,302,389	04/12/94	Kripke, et al.	424	94
	BF	5,352,458	10/04/94	Yarosh	424	450
	BG	5,470,577	11/28/95	Gilchrest, et al.	424	450
	BH	5,589,369	12/31/96	Seidman, et al.	435	172.3
	BI	5,795,972	08/18/98	Kmiec	536	23.1
ν	BJ	5,955,059	09/21/99	Gilchrest, et al.	424	59
,	BK	6,010,908	01/04/00	Gruenert, et al.	435	463
Ų,	BL	6,033,880	03/07/00	Haff, et al.	435	91.1

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation YES NO	
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EXAMINER Sight D Priche		ihe	DATE CONSIDERED 10/18/02		



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List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

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January 3, 2001

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
SDP	AA	5,792,633	8/11/98	Schiestl et al.	435	172.3
	AB	5,998,382	12/7/99	Furth et al.	514	44
	AC	6,093,392	7/25/00	High et al.	424	93.2
$\sqrt{}$	AD	6,093,567	7/25/00	Gregory et al.	435	320.1

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation YES NO	
EXAMINER	Frott D. C	nete	DATE CONSI	DERED 10/18/02	